

IN THE CLAIMS

The following listing of claims is provided as a courtesy.

Listing of Claims:

Claim 1 (previously presented): A sheet material conveyor comprising:

a pocket conveyor with at least one moving pocket for collecting printed sheet material, the pocket conveyor having a release area for releasing the printing sheet material in the pocket; and

an air supply device providing air to the pocket at the release area, the air supply device including an air source, the pocket being movable with respect to the air source.

Claim 2 (original): The sheet material conveyor as recited in claim 1 wherein the pocket has a pocket foot released at the release area to drop the printed sheet material.

Claim 3 (original): The sheet material conveyor as recited in claim 1 wherein the pocket includes an angled collect wall having air holes for the air.

Claim 4 (original): The sheet material conveyor as recited in claim 1 wherein the air supply device includes an air manifold on each pocket connected to the air holes.

Claim 5 (previously presented): The sheet material conveyor as recited in claim 4 wherein the air source transfers air to the air manifold.

Claim 6 (previously presented): The sheet material conveyor as recited in claim 5 wherein the air source is stationary and is located at the release area.

Claim 7 (previously presented): The sheet material conveyor as recited in claim 5 wherein the air source is a pressurized air source, a belt having holes interacting with the air manifold on the pocket, and a drive driven by the pocket.

Claim 8 (original): The sheet material conveyor as recited in claim 1 wherein the air supply device is adjustable to vary pressure of the air supplied to the pocket.

Claim 9 (original): The sheet material conveyor as recited in claim 1 wherein the at least one pocket includes a plurality of pockets.

Claim 10 (original): The sheet material conveyor as recited in claim 1 further including a further conveying unit located below the pocket at the release area.

Claim 11 (original): The sheet material conveyor as recited in claim 10 wherein the further conveying unit is a gripper conveying unit.

Claim 12 (canceled).

Claim 13 (previously presented): A method for transferring printed sheet material from a pocket conveyor having a plurality of moving pockets, the method comprising the steps of:

providing pressurized air to the printed sheet material as the pockets move past a pressurized air source; and

releasing the printed sheet material from the pockets while the pressurized air is being provided.

Claim 14 (original): The method as recited in claim 13 further comprising collating printed sheet material having different coefficients of friction in the pocket conveyor.

Claim 15 (original): The method as recited in claim 13 further comprising gripping the printed sheet material after the releasing step.

Claim 16 (previously presented): A printed sheet material collection device comprising:
a pocket conveyor with a plurality of moving pockets; and

a pressurized air source;

the plurality of pockets movable with respect to the pressurized air source.

Claim 17 (previously presented): A sheet material conveyor comprising:

a pocket conveyor with at least one moving pocket for collecting printed sheet material,
the pocket conveyor having a release area for releasing the printing sheet material in the pocket;
and

an air supply device providing air to the pocket at the release area;

the air supply device including an air manifold on each pocket connected to the air holes
and an air-transfer unit for transferring air to the air manifold,

the air transfer unit including a pressurized air source, a belt having holes interacting with
the air manifold on the pocket, and a drive driven by the pocket.